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# SUPPORTING INFORMATION

## Tuning the strength of the resonance-assisted hydrogen bond in acenes and phenacenes with two *o*-hydroxyaldehyde groups. The importance of topology

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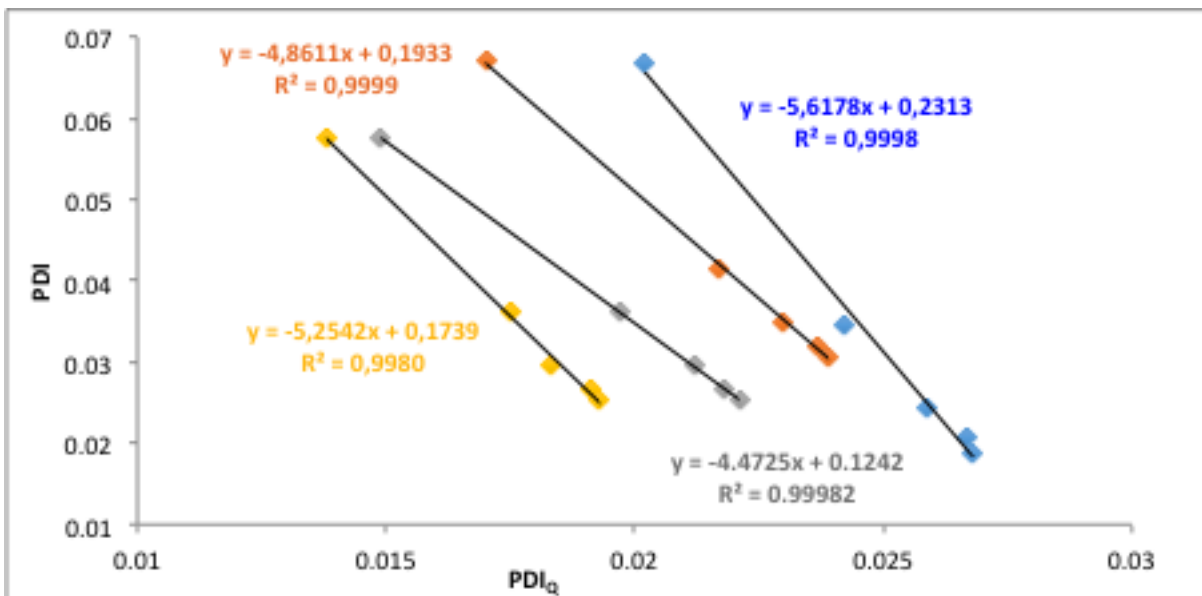
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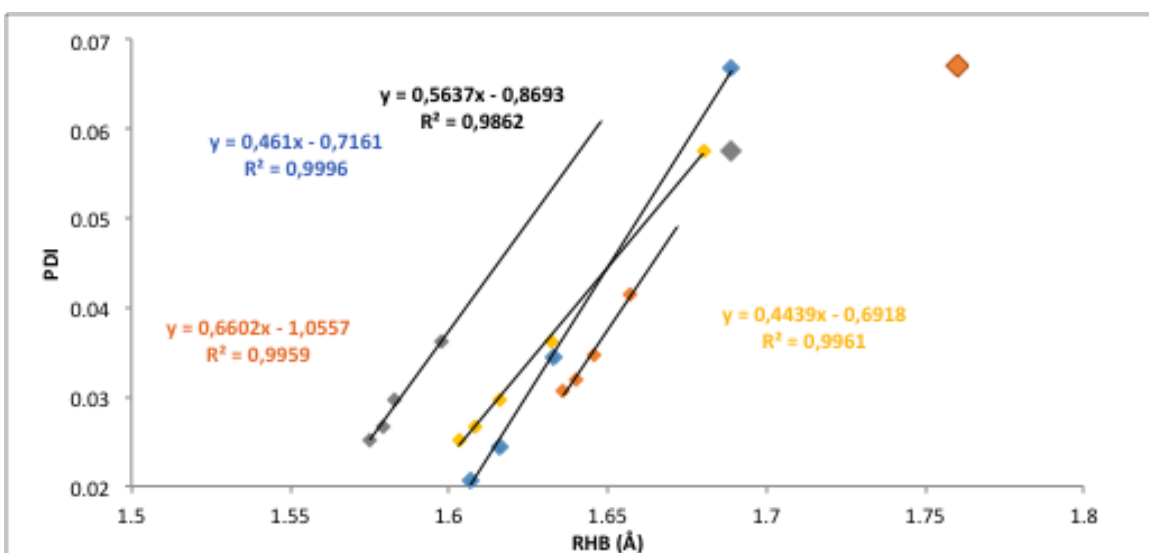
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**Fig. S1** – Linear correlation between PDI for the *ipso* and *quasi*-rings for triphenylene-like compound. Grey for **KM-Ln A'** *quasi*-ring, yellow for **KM-Ln B'** *quasi*-ring, red for **KP-Lnb** and blue for **KP-Lna**, being *n* the number of added benzene rings (see Fig. 6 in text) **S2**

**Fig. S2** – Linear correlation between aromaticity of the *ipso*-ring and RAHB bond length for the triphenylene-like compound. Grey for **KM-Ln A'** *quasi*-ring, yellow for **KM-Ln B'** *quasi*-ring, red for **KP-Lnb** and blue for **KP-Lna**, being *n* the number of added benzene rings (see Fig. 6 in text). ..... **S2**



**Fig. S1** – Linear correlation between PDI for the *ipso* and *quasi*-rings for triphenylene-like compound. Grey for **KM-Ln A'** *quasi*-ring, yellow for **KM-Ln B'** *quasi*-ring, red for **KP-Lnb** and blue for **KP-Lna**, being n the number of added benzene rings (see Fig. 6 in text).



**Fig. S2** – Linear correlation between aromaticity of the *ipso*-ring and RAHB bond length for the triphenylene-like compound. Grey for **KM-Ln A'** *quasi*-ring, yellow for **KM-Ln B'** *quasi*-ring, red for **KP-Lnb** and blue for **KP-Lna**, being n the number of added benzene rings (see Fig. 6 in text).